## STATE OF UTAH

APPLICATION FOR PERMIT TO DRILL  APPLICATION FOR PERMIT TO DRILL  TYPE OF WORK  DRILL NEW WELL
NATURAL BUTTES   NAT
NAME OF OPERATOR
NAME OF OPERATOR
ADDRESS OF OPERATOR 600 17th Street, Suite 1000 N, Denver, CO, 80202  0. MINERAL LEASE NUMBER FEDERAL ■ INDIAN OR STATE 0. UTUO255A  3. NAME OF SURFACE OWNER (if box 12 = 'fee')  5. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')  5. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')  7. INDIAN ALLOTTEE OR TRIBE NAME 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES OF SURFACE OWNER (if box 12 = 'fee')  7. INDIAN ALLOTTEE OR TRIBE NAME 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES OF SURFACE OWNER (if box 12 = 'fee')  7. INDIAN STATE OF SECTION 19. SLANT WORTHOUTH OF WELL 10. DIRECTIONAL OF MERITARY OF SECTION 10. OWNSHIP RANGE MERIDAN  LOCATION OF WELL 10. DIRECTIONAL OF MERIDAN 10. OWNSHIP RANGE MERIDAN 10. OWNSHIP RANGE MERIDAN 10. OWNSHIP RANGE SECTION 10. OWNSHIP RESECTION 10. OWNSHIP
11. MINERAL LEASE NUMBER   FEDERAL   11. MINERAL OWNERSHIP   FEDERAL   11. MINERAL DWNERSHIP   FEDERAL   11. MIDIAN   STATE   FEE   FEE   12. SURFACE OWNER HP   FEDERAL   11. MIDIAN   STATE   FEE   FEE   12. SURFACE OWNER HP   FEDERAL   13. MIDIAN   STATE   FEE   FEE   14. SURFACE OWNER HP   FEDERAL   14. SURFACE OWNER (If box 12 = 'fee')
3. NAME OF SURFACE OWNER (if box 12 = 'fee')  3. NAME OF SURFACE OWNER (if box 12 = 'fee')  4. SURFACE OWNER (if box 12 = 'fee')  5. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')  5. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')  7. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'fee')  18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES (Submit Commingling Application) NO
16. SURFACE OWNER (if box 12 = 'fee')   16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS   VES
MULTIPLE FORMATIONS   YES   (Submit Commingling Application)   NO     VERTICAL   DIRECTIONAL     HORIZONTAL
YES
At Total Depth   659 FNL 19 FWL   NWNW   25   9.0 S   22.0 E   S
Top of Uppermost Producing Zone   659 FNL 19 FWL   NWNW   25   9.0 S   22.0 E   S
At Total Depth 659 FNL 19 FWL NWNW 25 9.0 S 22.0 E S  11. COUNTY  UINTAH  22. DISTANCE TO NEAREST LEASE LINE (Feet) (Applied For Drilling or Completed) 430  25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 430  26. PROPOSED DEPTH MD: 9367 TVD: 9315  27. ELEVATION - GROUND LEVEL 5015  8 BOND NUMBER 5015  430  29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225  Hole, Casing, and Cement Information  String Hole Size Casing Size Length Weight Grade & Thread Max Mud Wt. Cement Sacks Yield Weight SURF 12.25 9.625 0 - 2300 36.0 J-55 ST&C 10.5 Class G 150 3.82 11.0  PROD 7.875 4.5 0 - 9367 11.6 N-80 LT&C 10.5 Hi Lift "G" 130 3.91 11.0  50/50 Poz 910 1.28 14.1
1. COUNTY
19   1800   18
Casing Size   Length   Weight   Grade & Thread   Max Mud Wt.   Cement   Sacks   Yield   Weight   Surf   12.25   9.625   0 - 2300   36.0   J-55 ST&C   10.5   Class G   135   1.18   15.6
NM2308   NM2308   WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225
NM2308   Hole Size   Casing Size   Length   Weight   Grade & Thread   Max Mud Wt.   Cement   Sacks   Yield   Weight   Surf   12.25   9.625   0 - 2300   36.0   J-55 ST&C   10.5   Class G   150   3.82   11.0
String         Hole Size         Casing Size         Length         Weight         Grade & Thread         Max Mud Wt.         Cement         Sacks         Yield         Weight           SURF         12.25         9.625         0 - 2300         36.0         J-55 ST&C         10.5         Class G         150         3.82         11.0           PROD         7.875         4.5         0 - 9367         11.6         N-80 LT&C         10.5         Hi Lift "G"         130         3.91         11.0           50/50 Poz         910         1.28         14.1
SURF         12.25         9.625         0 - 2300         36.0         J-55 ST&C         10.5         Class G         150         3.82         11.0           PROD         7.875         4.5         0 - 9367         11.6         N-80 LT&C         10.5         Hi Lift "G"         130         3.91         11.0           50/50 Poz         910         1.28         14.1
PROD         7.875         4.5         0 - 9367         11.6         N-80 LT&C         10.5         Hi Lift "G"         130         3.91         11.0           50/50 Poz         910         1.28         14.1
50/50 Poz 910 1.28 14.1
ATTACHMENTS
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES
<b>W</b> ELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
✓ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY  ✓ TOPOGRAPHICAL MAP
PRILLED)
NAME Mickenzie Gates TITLE Operations Clerk PHONE 435 781-9145
SIGNATURE DATE 06/24/2011 EMAIL mickenzie_gates@eogresources.com
APPROVAL APPROVAL APPROVAL
Permit Manager

